





Ming-Yi Lin

I built the framework, homepage map, destinations Charts, etc.



Zhao-Yang Song

Good job guys! I did the Map-based charts including yearly performance, etc.

Hsin-Yu Chang

I did Data analysis including hourly line chart, welcome page with map..



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- 2016 Q4 (October – December)
- 2016 Q3 (Launch, July 7 – September)

Data Format

Each .csv file contains data for one quarter of the year. Each file contains the following data points:

- trip_id: Locally unique integer that identifies the trip
- duration: Length of trip in minutes
- start_time: The date/time when the trip began, presented in ISO 8601 format in local time
- end_time: The date/time when the trip ended, presented in ISO 8601 format in local time
- start_station: The station where the trip originated (for station name and more information on each station see the Station Table)
- start_lat: The latitude of the station where the trip originated
- start_lon: The longitude of the station where the trip originated
- end_station: The station where the trip terminated (for station name and more information on each station see the Station Table)
- end_lat: The latitude of the station where the trip terminated
- end_lon: The longitude of the station where the trip terminated
- bike_id: Locally unique integer that identifies the bike
- plan_duration: The number of days that the plan the passholder is using entitles them to ride; 0 is used for a single ride plan (Walk-up)
- trip_route_category: "Round Trip" for trips starting and ending at the same station or "One Way" for all other trips
- passholder_type: The name of the passholder's plan
- bike_type: The kind of bike used on the trip, including standard pedal-powered bikes, electric assist bikes, or smart bikes.

Data Processing



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